

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
 Data File : VV025795.D
 Acq On : 03 May 2022 16:05
 Operator : SY/MD
 Sample : N2615-19
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 04 05:07:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 04 05:06:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	158208	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	161160	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	77003	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	74979	4.324	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.571	69	65601	4.301	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.111	63	106166	3.223	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	3.902	46	92563	39.004	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.000%
24) Chloroform-d	4.349	84	104308	4.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
26) 1,2-Dichloroethane-d4	5.034	65	48930	4.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.050	84	217534	4.203	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.069	67	63484	4.171	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.317	98	176262	3.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	7.625	79	16807	3.488	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.800%
46) 2-Hexanone-d5	8.088	63	66021	35.157	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.320%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35629	3.707	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	57251	4.239	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	921	0.042	ug/L	100
13) Acetone	2.195	43	16715	10.701	ug/L	61
15) Methyl Acetate	2.195	43	14927	3.992	ug/L #	43
16) Methylene chloride	2.513	84	3040	0.206	ug/L	93
21) 2-Butanone	4.002	43	15554	7.442	ug/L #	69
22) cis-1,2-Dichloroethene	3.918	96	617	0.045	ug/L	88
25) Chloroform	4.375	83	4579	0.183	ug/L	89
33) Benzene	5.104	78	16144	0.299	ug/L	100
35) Methylcyclohexane	6.072	83	15440	0.705	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	7075	0.539	ug/L #	85
42) Toluene	7.394	91	27270	0.475	ug/L	99
52) Ethylbenzene	9.024	91	2601	0.044	ug/L	97
53) m,p-Xylene	9.143	106	2582	0.111	ug/L	93
54) o-Xylene	9.545	106	3198	0.144	ug/L	83
61) 1,2,3-Trichloropropane	11.246	75	9765	1.584	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.918	105	4026	0.181	ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	4026	0.099	ug/L	96
71) Naphthalene	13.506	128	5938	0.313	ug/L	99

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 04 05:06:02 2022
Response via : Initial Calibration

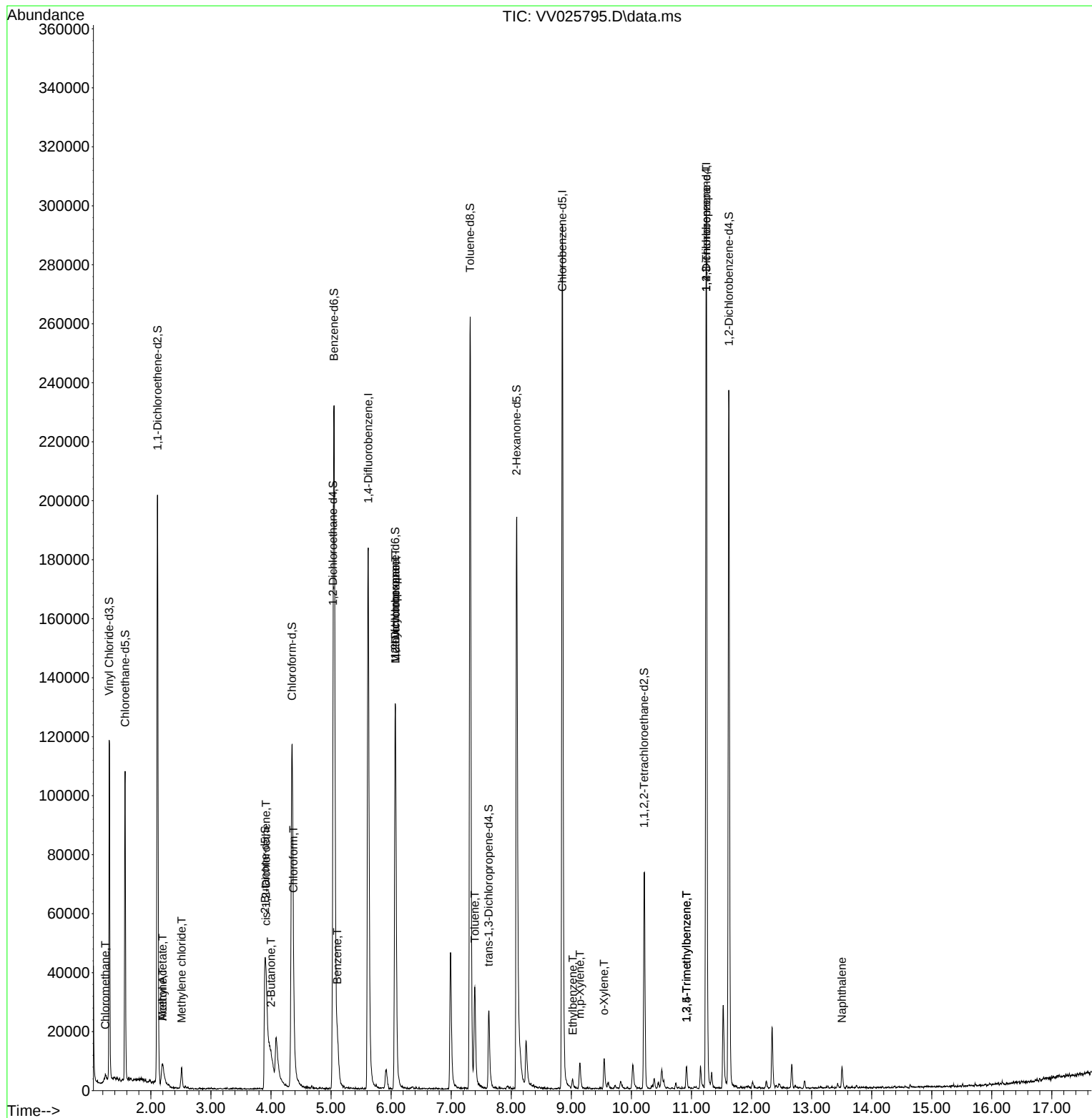
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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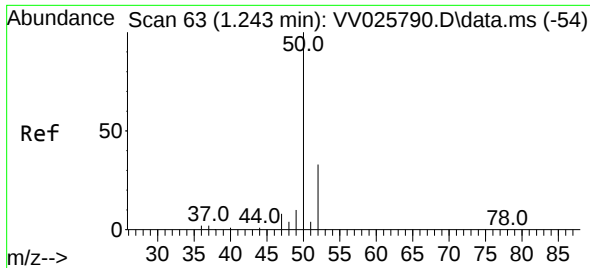
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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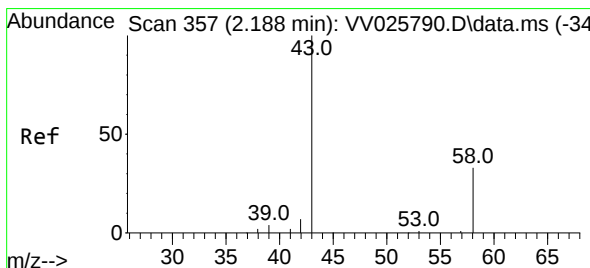
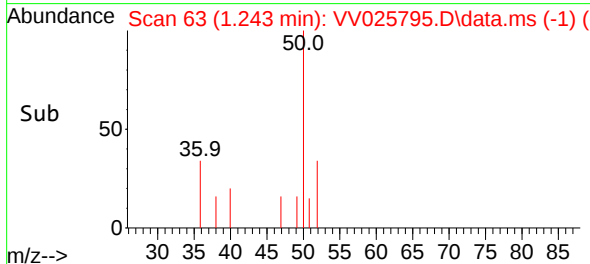
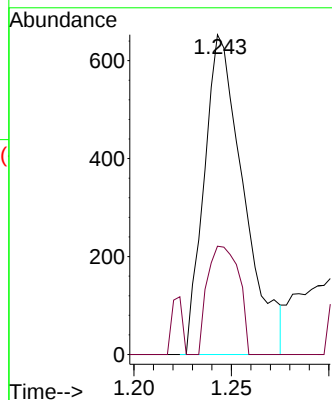
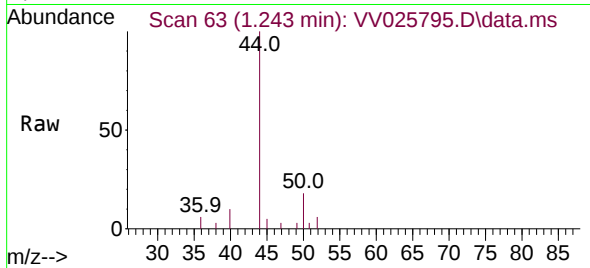




#3
Chloromethane
Concen: 0.042 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV025795.D
Acq: 03 May 2022 16:05

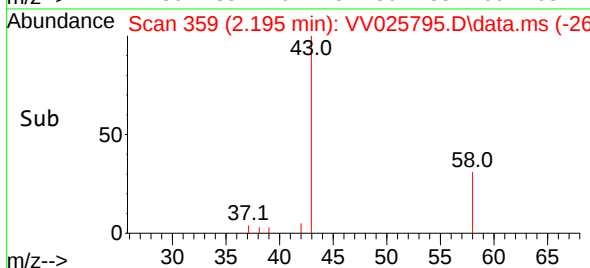
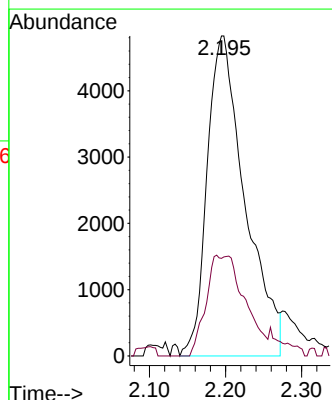
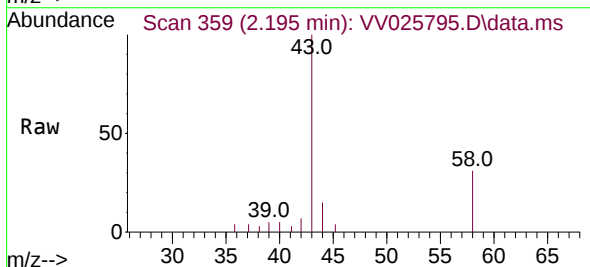
Instrument :
MSVOA_V
ClientSampleId :

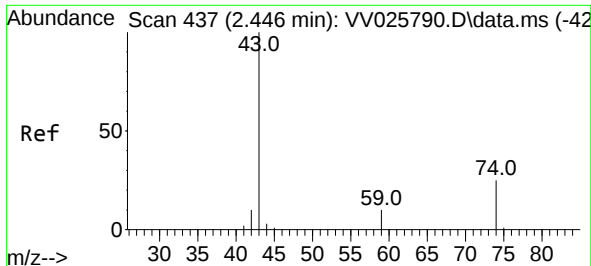
Tgt Ion: 50 Resp: 921
Ion Ratio Lower Upper
50 100
52 33.8 23.7 43.9



#13
Acetone
Concen: 10.701 ug/L
RT: 2.195 min Scan# 359
Delta R.T. 0.006 min
Lab File: VV025795.D
Acq: 03 May 2022 16:05

Tgt Ion: 43 Resp: 16715
Ion Ratio Lower Upper
43 100
58 13.3 0.0 72.2

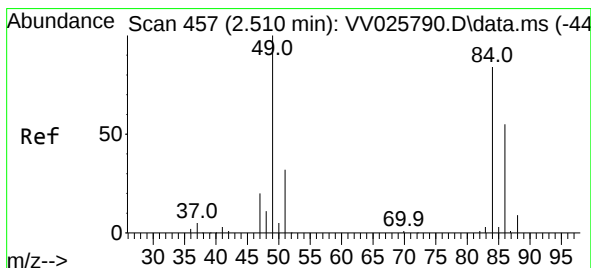
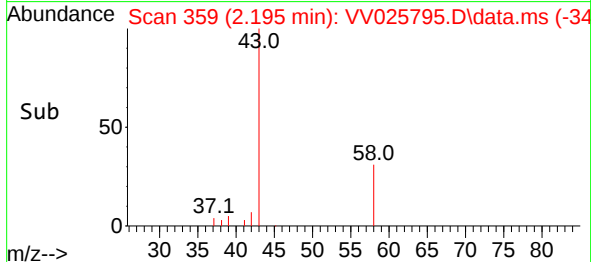
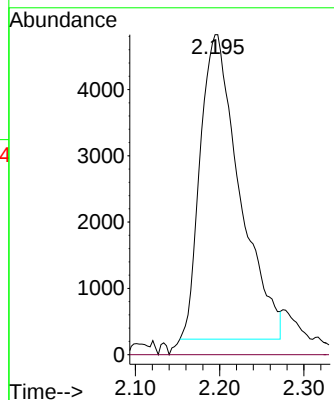
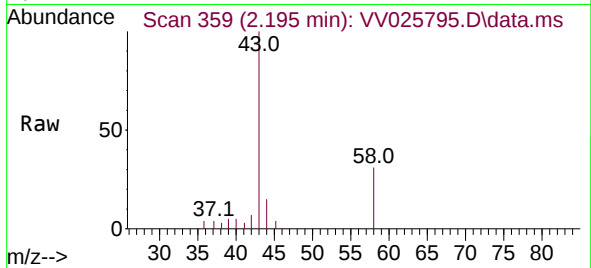




#15
Methyl Acetate
Concen: 3.992 ug/L
RT: 2.195 min Scan# 31
Delta R.T. -0.251 min
Lab File: VV025795.D
Acq: 03 May 2022 16:05

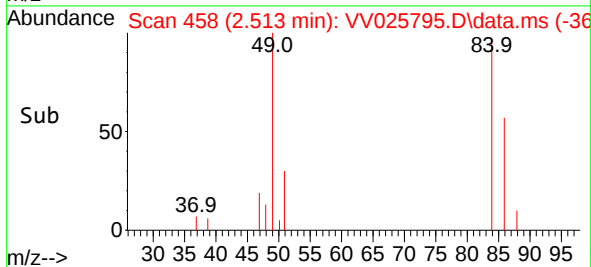
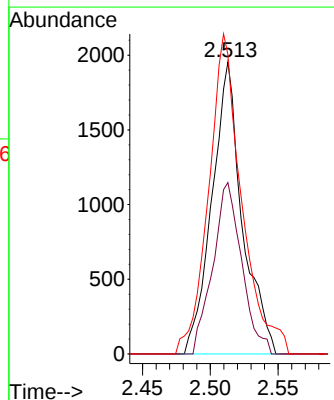
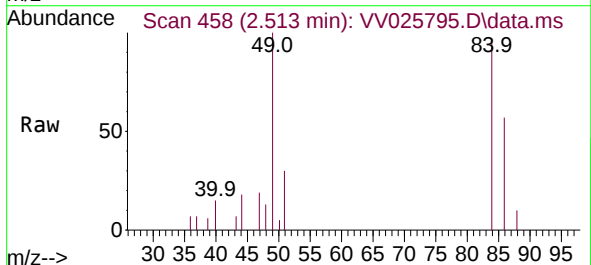
Instrument :
MSVOA_V
ClientSampleId :

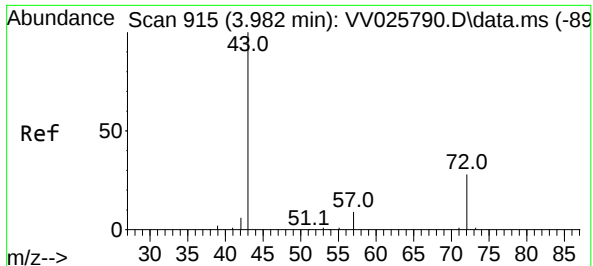
Tgt Ion: 43 Resp: 14927
Ion Ratio Lower Upper
43 100
74 0.0 25.2 37.8#



#16
Methylene chloride
Concen: 0.206 ug/L
RT: 2.513 min Scan# 458
Delta R.T. 0.003 min
Lab File: VV025795.D
Acq: 03 May 2022 16:05

Tgt Ion: 84 Resp: 3040
Ion Ratio Lower Upper
84 100
86 58.7 45.9 85.3
49 102.6 76.6 142.3

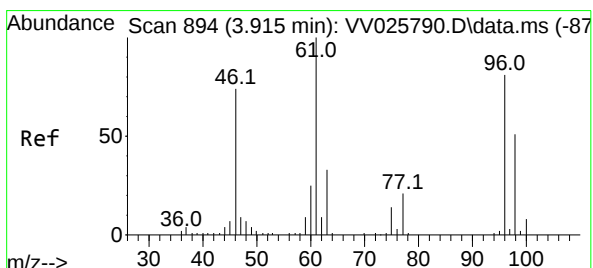
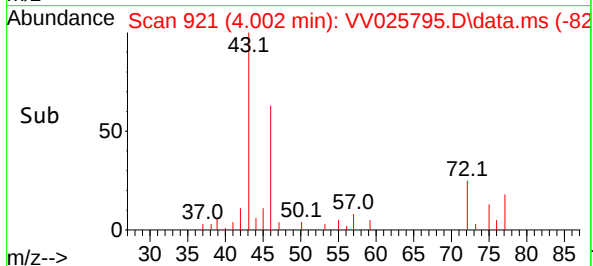
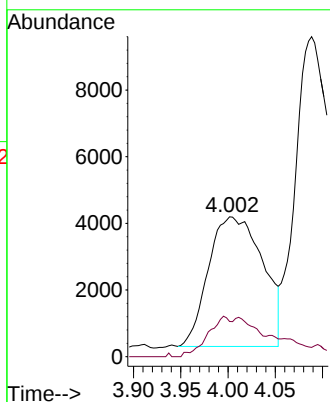
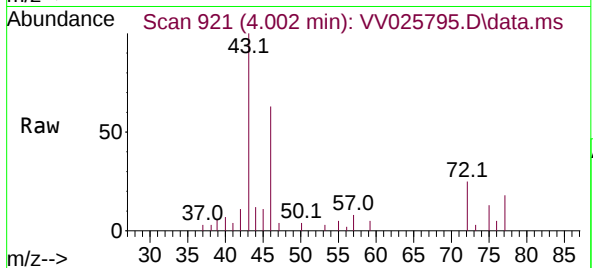




#21
2-Butanone
Concen: 7.442 ug/L
RT: 4.002 min Scan# 915
Delta R.T. 0.019 min
Lab File: VV025795.D
Acq: 03 May 2022 16:05

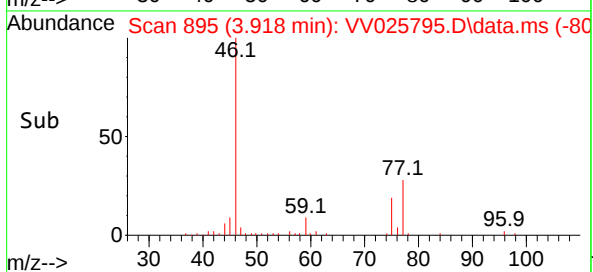
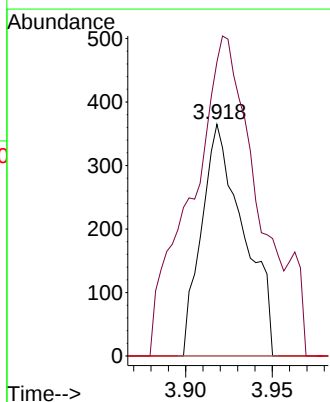
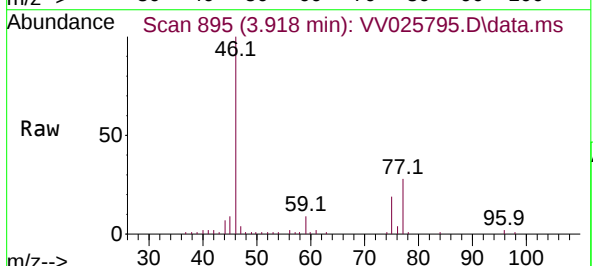
Instrument :
MSVOA_V
ClientSampleId :

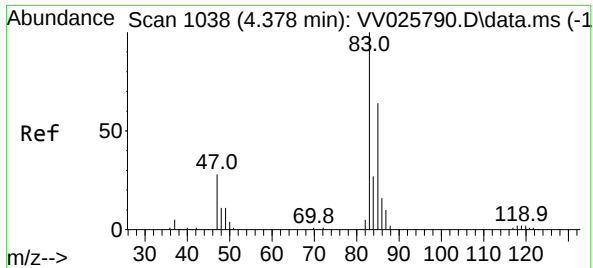
Tgt Ion: 43 Resp: 15554
Ion Ratio Lower Upper
43 100
72 13.7 15.2 45.6#



#22
cis-1,2-Dichloroethene
Concen: 0.045 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.003 min
Lab File: VV025795.D
Acq: 03 May 2022 16:05

Tgt Ion: 96 Resp: 617
Ion Ratio Lower Upper
96 100
61 126.8 80.0 148.6
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.183 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV025795.D

Acq: 03 May 2022 16:05

Instrument :

MSVOA_V

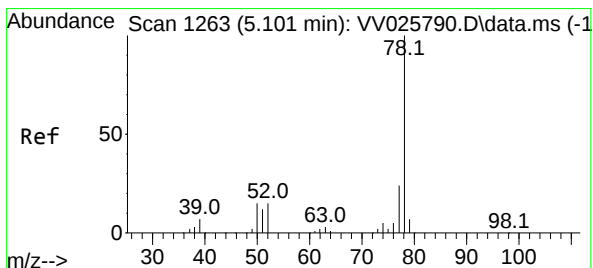
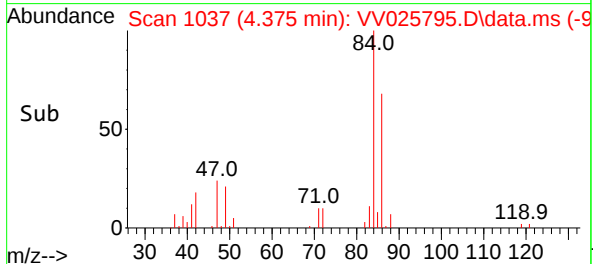
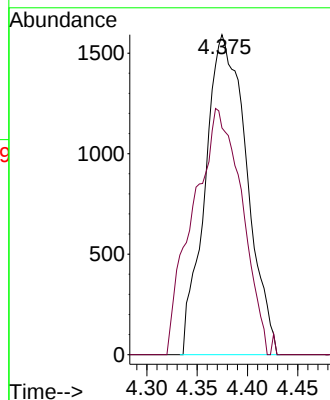
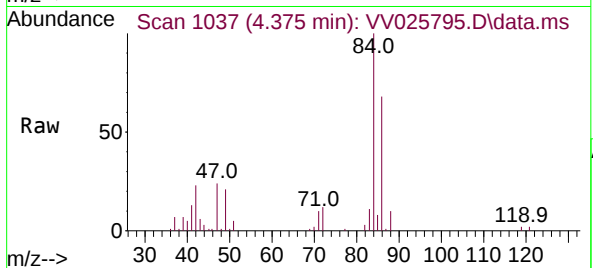
ClientSampleId :

Tgt Ion: 83 Resp: 4579

Ion Ratio Lower Upper

83 100

85 70.9 43.5 80.7



#33

Benzene

Concen: 0.299 ug/L

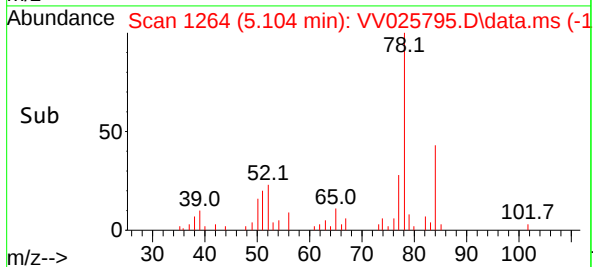
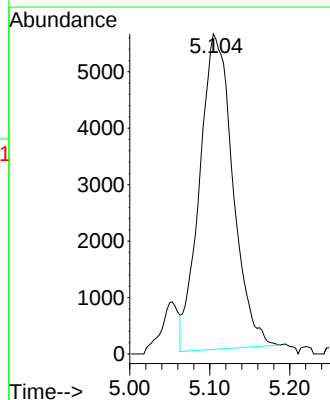
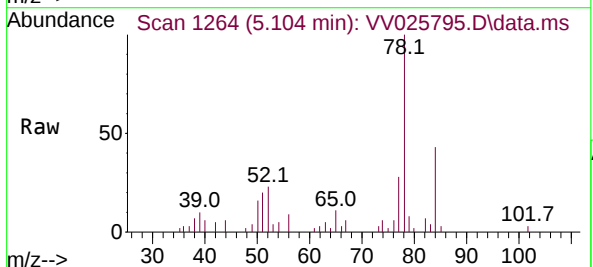
RT: 5.104 min Scan# 1264

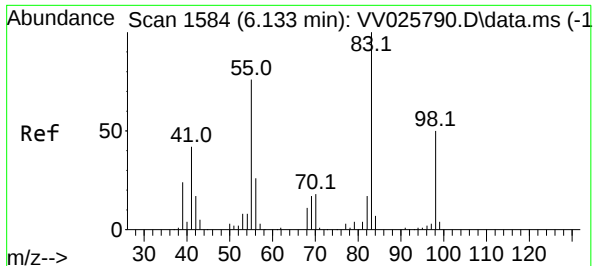
Delta R.T. 0.003 min

Lab File: VV025795.D

Acq: 03 May 2022 16:05

Tgt Ion: 78 Resp: 16144





#35

Methylcyclohexane

Concen: 0.705 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV025795.D

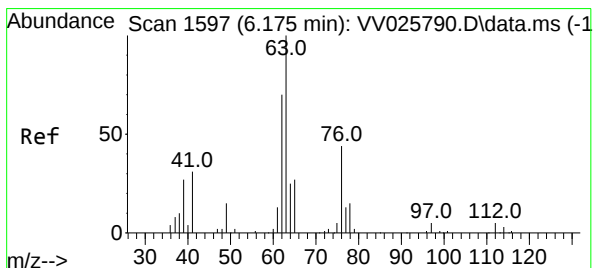
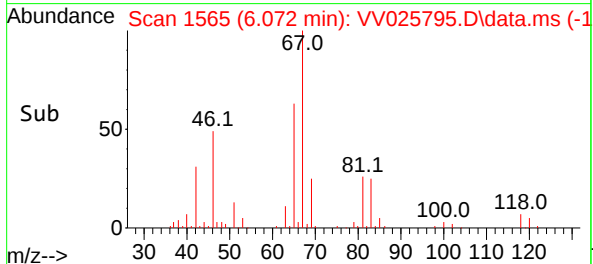
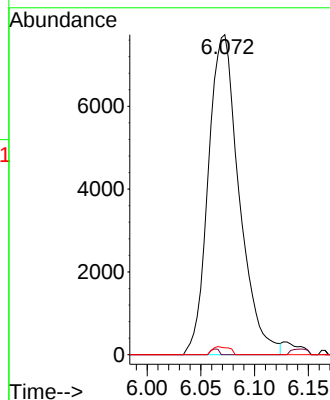
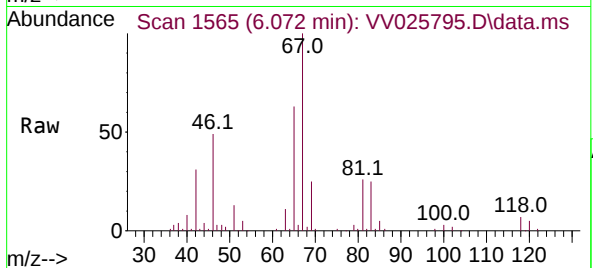
Acq: 03 May 2022 16:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 15440
Ion Ratio	Lower Upper
83 100	
55 0.5	53.7 80.5#
98 1.4	39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.539 ug/L

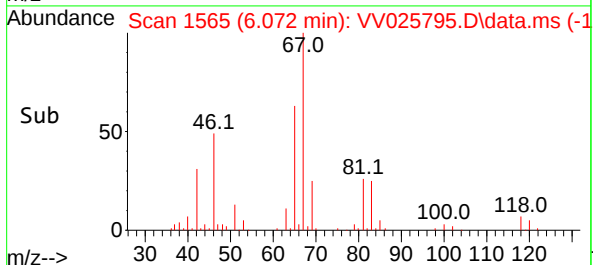
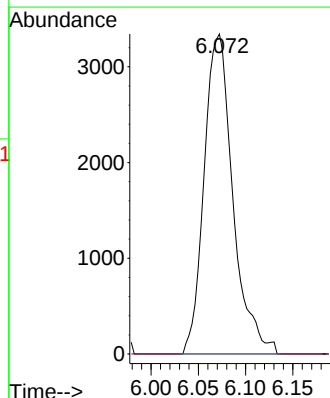
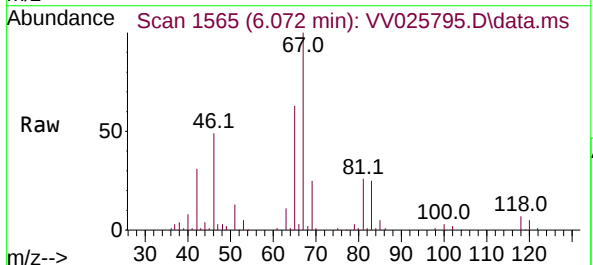
RT: 6.072 min Scan# 1565

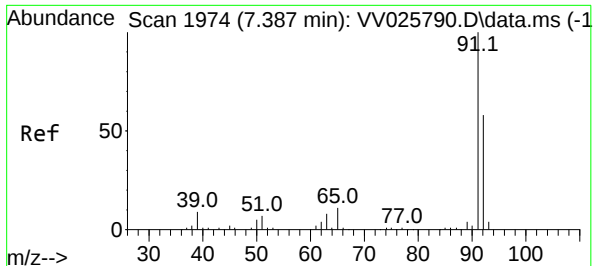
Delta R.T. -0.103 min

Lab File: VV025795.D

Acq: 03 May 2022 16:05

Tgt Ion: 63	Resp: 7075
Ion Ratio	Lower Upper
63 100	
112 0.0	3.8 5.8#





#42

Toluene

Concen: 0.475 ug/L

RT: 7.394 min Scan# 1974

Delta R.T. 0.006 min

Lab File: VV025795.D

Acq: 03 May 2022 16:05

Instrument :

MSVOA_V

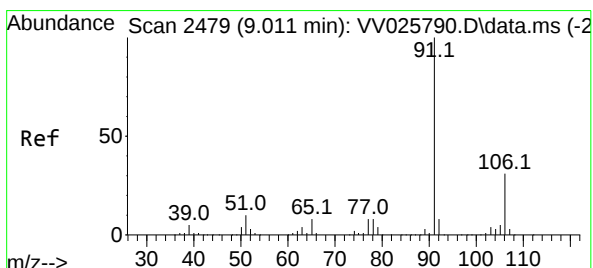
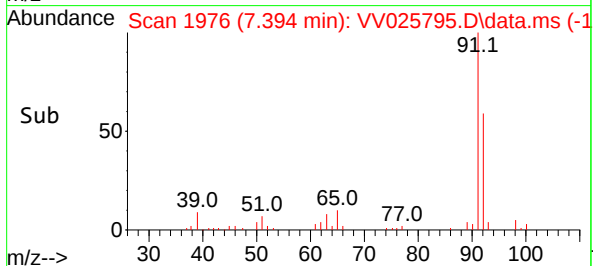
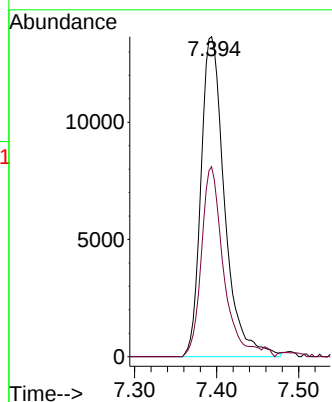
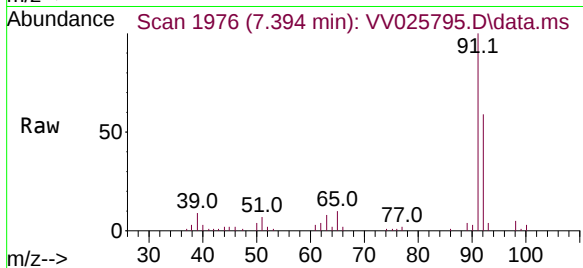
ClientSampleId :

Tgt Ion: 91 Resp: 27270

Ion Ratio Lower Upper

91 100

92 59.3 40.8 75.8



#52

Ethylbenzene

Concen: 0.044 ug/L

RT: 9.024 min Scan# 2483

Delta R.T. 0.013 min

Lab File: VV025795.D

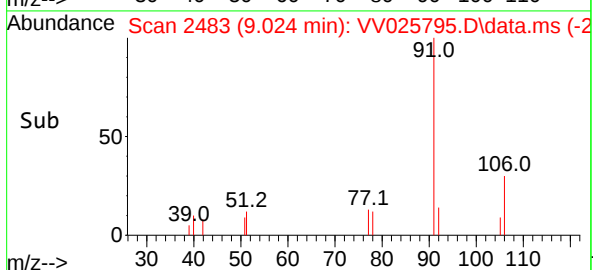
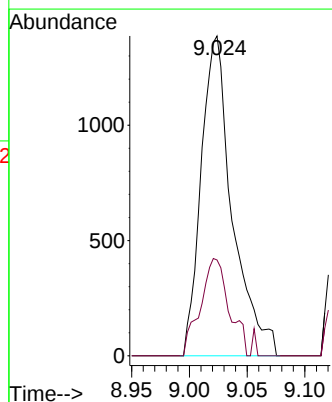
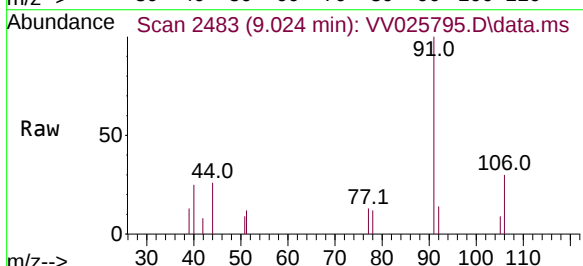
Acq: 03 May 2022 16:05

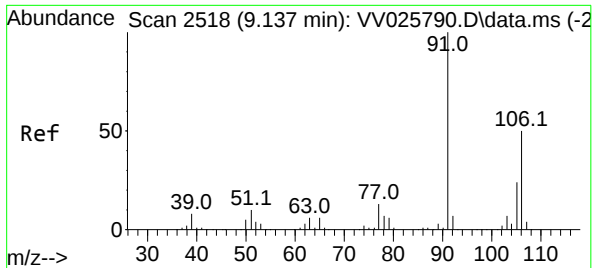
Tgt Ion: 91 Resp: 2601

Ion Ratio Lower Upper

91 100

106 30.0 22.3 41.3

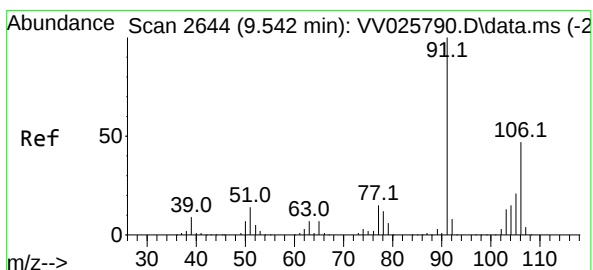
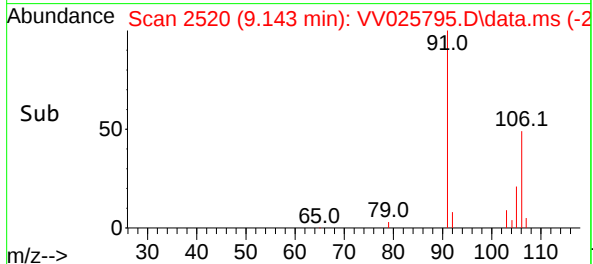
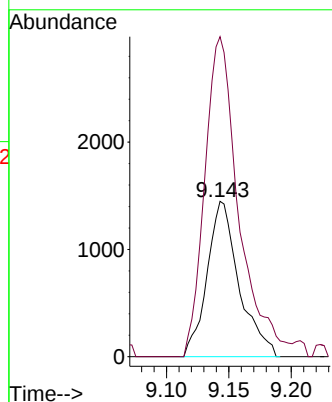
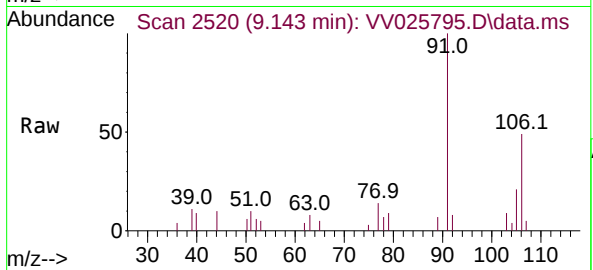




#53
m,p-Xylene
Concen: 0.111 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV025795.D
Acq: 03 May 2022 16:05

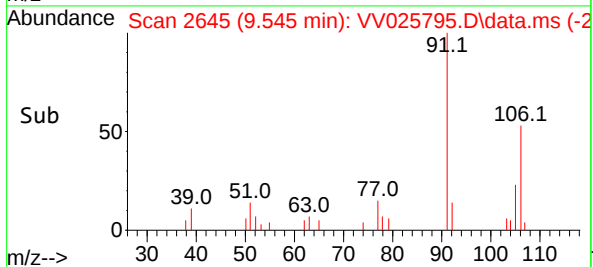
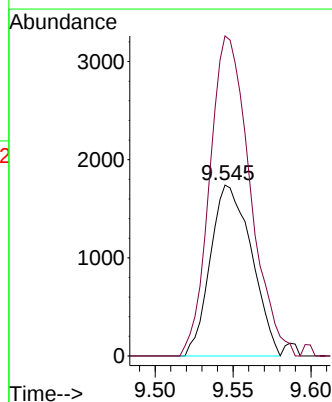
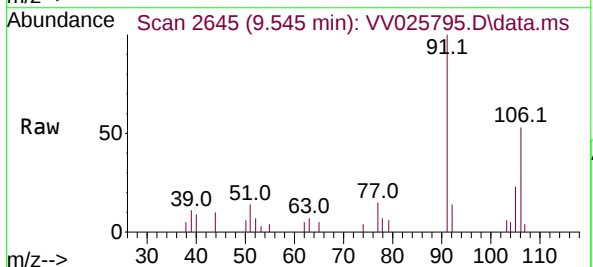
Instrument :
MSVOA_V
ClientSampleId :

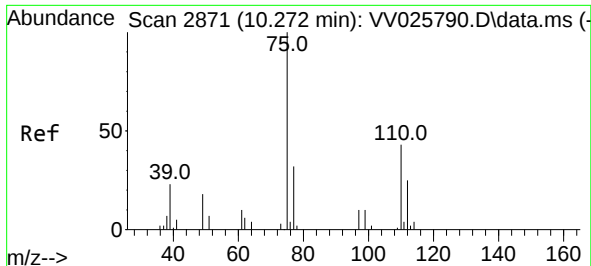
Tgt Ion:106 Resp: 2582
Ion Ratio Lower Upper
106 100
91 206.0 136.4 253.4



#54
o-Xylene
Concen: 0.144 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV025795.D
Acq: 03 May 2022 16:05

Tgt Ion:106 Resp: 3198
Ion Ratio Lower Upper
106 100
91 187.3 150.4 279.2

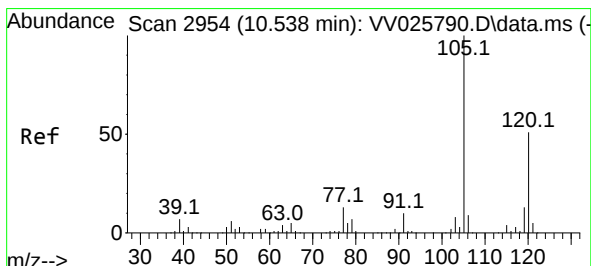
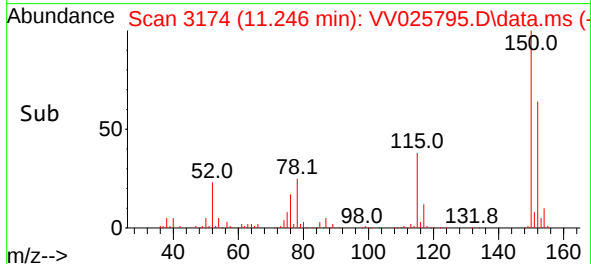
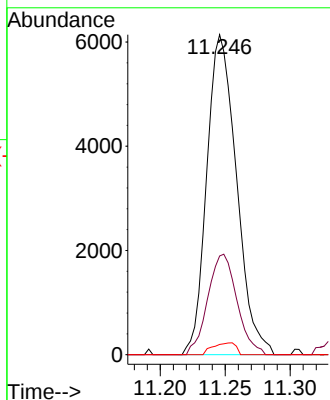
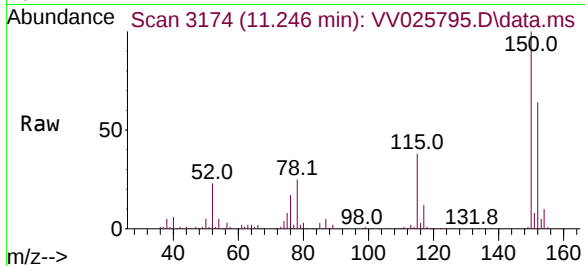




#61
 1,2,3-Trichloropropane
 Concen: 1.584 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV025795.D
 Acq: 03 May 2022 16:05

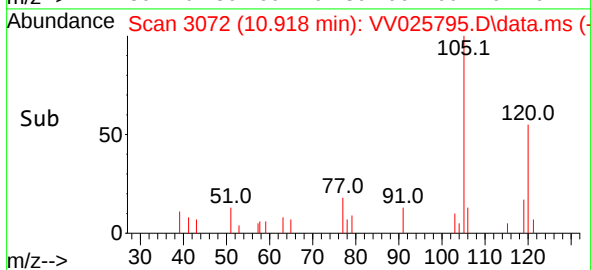
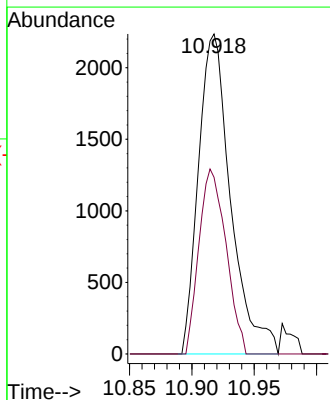
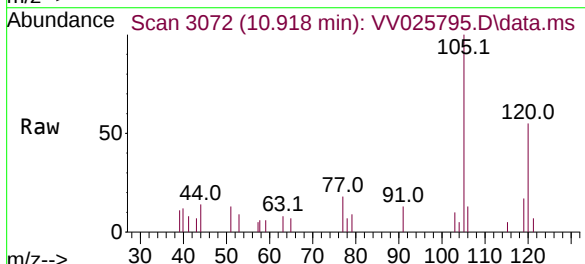
Instrument :
 MSVOA_V
 ClientSampleId :

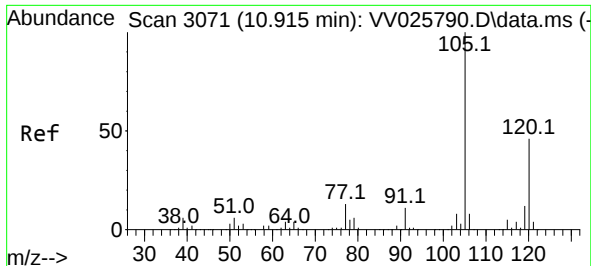
Tgt Ion: 75 Resp: 9765
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.6 38.4
 110 2.9 34.7 52.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.181 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.379 min
 Lab File: VV025795.D
 Acq: 03 May 2022 16:05

Tgt Ion: 105 Resp: 4026
 Ion Ratio Lower Upper
 105 100
 120 48.4 39.6 59.4

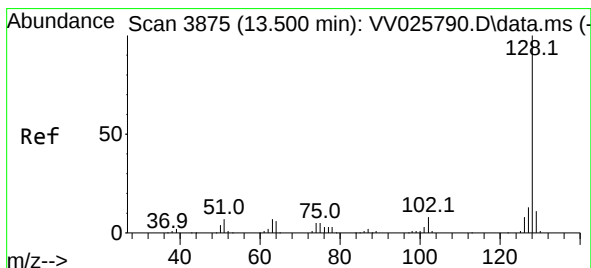
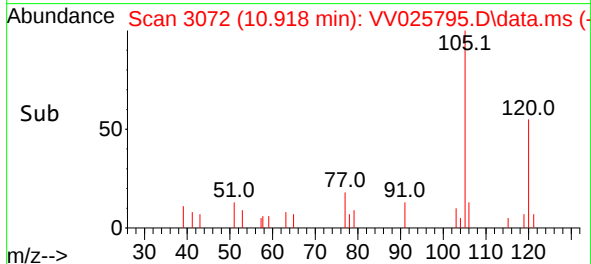
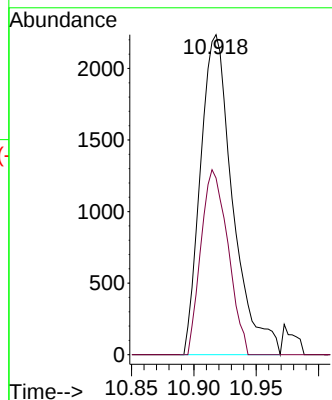
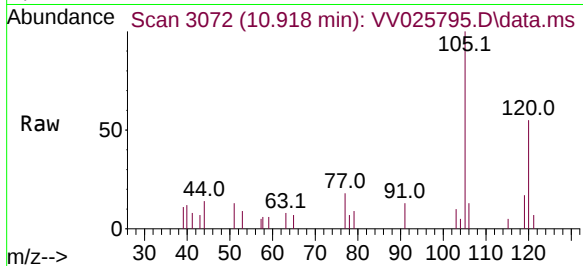




#63
1,2,4-Trimethylbenzene
Concen: 0.099 ug/L
RT: 10.918 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV025795.D
Acq: 03 May 2022 16:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 4026
Ion Ratio Lower Upper
105 100
120 48.4 36.6 55.0



#71
Naphthalene
Concen: 0.313 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV025795.D
Acq: 03 May 2022 16:05

Tgt Ion:128 Resp: 5938
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.4 10.4 15.6

